Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Saturday 29 Jan 2022 until 23:59 on Sunday 30 Jan 2022

Forecast Issued on Saturday 29 Jan 2022 at 03:18

Confidence: High for unsettled and very windy with freezing level changeable, but lowering for the detail of timings and durations of worst conditions.

Headline for Saturday 29 Jan 2022: Very windy, with storm force winds on the tops. Rain clearing then mainly dry and bright.

Mountain weather hazards on Saturday 29 Jan 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
Medium Likelihood

Gales
High Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG					
Fog	Light rain	Cloudy	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability					
60%	80%	10%	<05%	<05%	<05%

Forecast for Saturday 29 Jan 2022

Weather: Cloud and patchy light rain or drizzled at first, mainly focused across western ranges. Rain turning more persistent for a time mid-morning, before clearing to the south late morning, leaving bright and sunny spells and only a few well scattered light showers for the afternoon. Any remaining showers during the evening, turning wintry across highest peaks.

Chance of cloud-free hill tops above 800m: 10% or less at first becoming 80% from late morning.

Low cloud and visibility: Poor in early rain and drizzle, also briefly in later showers, very poor in cloud with bases extensive at first from 500m, sporadically so in later showers, otherwise good or very good.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Saturday 29 Jan 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	50/60 SW	58/71 W	56/70 W	50/63 NW	43/55 NW	32/40 NW	24/29 NW
600	40/51 SW	45/59 W	45/61 W	38/53 NW	33/46 NW	23/34 NW	18/26 NW
300	10/41 W	14/45 W	20/50 W	17/44 NW	14/38 NW	9/28 NW	7/21 NW
Valley	10/35 SW	13/40 W	18/44 W	15/39 NW	12/33 NW	7/23 NW	6/19 NW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	3/-6	4/-5	1/-9	-0/-10	-1/-11	-2/-10	-2/-10
600	5/-3	6/-2	3/-5	2/-5	1/-6	1/-6	0/-6
300	7/4	8/4	6/1	5/0	4/-1	3/-1	2/-1
Valley	8/6	9/7	8/4	7/4	6/3	5/3	4/2
Freezing Level*	2000m	1800m	900m	800m	600m	500m	500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Difficult and hazardous conditions with violent storm force winds in the morning making mobility almost impossible on high slopes, becoming less strong in the afternoon.

Forecast for Sunday 30 Jan 2022

Weather: Dry occasionally bright start, then cloud thickening from the west to bring patchy rain from around mid-day, which turns heavy and persistent for a time late afternoon and early evening, before clearing to blustery showers from around mid-evening. Snow level 600m on early rain, lifting to highest summits for the evening, as summit gales develop.

Maximum wind: West increasing mean 30mph by early afternoon, then 40-45mph late evening with gusts reaching 60mph across most exposed ridges and summits.

Chance of cloud-free hill tops above 800m: 80% becoming 10% or less late afternoon

Low cloud and visibility: Good or very good becoming moderate or poor in rain, also briefly in later showers, very poor in snow and cloud with bases quite extensive in rain from 500m, sporadically so in later showers.

Temperature: **Valleys:** Zero Celsius increasing 8 Celsius during the afternoon
At 800m: Minus 2 Celsius increasing Zero Celsius later
Freezing level: 500m increasing 800m later

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Friday 28 January 2022. Location: Helvellyn summit at 18:05. Full report: A windy day over high ground with intermittent rain moving into the region during the afternoon. The ground conditions remain similar to the last week albeit with a bit more wet and slippery rock. The vast majority of the Lakeland fells are snow-free up to and including the highest tops. Any remaining old snow (névé) is typically found on steep north and east-facing slopes above 750m. This snow remains firm despite today's milder temperatures and owing to the fact it is generally found on steeper ground with a lot of exposed rock present, it generally requires the use of an ice axe and crampons to move over safely. Striding and Swirral edge are almost entirely snow-free with a small bank of old hard snow guarding their exits onto the summit plateau and this requires care to negotiate safely especially in descent. Hurricane-force winds (gusts in excess of 100 mph) are in the forecast tomorrow so it is advisable to stay away from steep and exposed ground. Full winter clothing (warm and waterproof) including hats and gloves, map, compass and a headtorch are all essential items for anyone heading out into the hills. Temperature: plus 3.4 C, Maximum wind speed 37.3 mph, Wind chill: minus 4.2 C, Average wind speed: 27.8 mph

Issued at: 03:18 on Sat 29 Jan 2022

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